Dublin Core 9/23/03

Changes 9/25/03 by Clay Templeton
Added missing definitions for date, date.modified, publisher, and type. Modified definition of type.information to harmonize with added type element. Typographical corrections to definitions of creator.missionsProjects, contributor.missionProjects, and coverage.projectPhase.

Future possibility #1: replacing definitions for elements that are taken directly from Dublin Core with canonical DC definitions
Future possibility #2: adding simple DC elements to element groups that don't already include them

Changes 9/23/03 by Clay Templeton
1)replaced "identifier" and "identifier.alternate" with "identifier.persistent" and "identifier.url". Rationale: the name "identifier.persistent" explicitly identifies this field as the proper place for a persistent identifier. Additional "identifier" refinements may be negotiated in the future. (definitions also changed)
2) rights.resourceAvailability was deleted. Rationale: making the NLM resourceAvailability element a refinement of DC:rights led to a rather bizarre interpretation. There is agreement that resourceAvailability is a useful element, but consensus has not been reached on which DC element it should refine or whether perhaps it ought to stand as an extension.
3) The format definition was changed to be more in line with DC definitions; the word "medium" was replaced with the word "structure".

Note: At the second MRG meeting 9/22, it was agreed that a media element is desirable. However, it is unclear what DC element this would extend or if it would stand alone as an extension.

Changes 9/14/3 by Clay Templeton:
1) eliminated format.medium element. Rationale: two format elements, format and format.medium, were being used so that a physical format could be indicated in the latter and the arrangement of information on that physical format (e.g. mime type in the case of computer disks), could be given in the former. It seems that since mime type occurs in only a certain class of resources while all resources have some physical format to speak of (even if that physical format is the vague 'internet') it makes more sense for the unqualified format element to contain an indication of physical format. An area of future exploration is whether this should be supplemented by a qualified format term and what it ought to look like.

2) Simplified definitions. Rationale: The old ones were unnecessarily confusing and made a lot of assumptions that were not warranted by any existing circumstance at Goddard. The new, simplified definitions are easier to apply intuitively. Specifically, references to the FRBR rules have been eliminated, as have assumptions about the use of persistent identifiers and medium specific details.

3) Began documenting changes

I. Descriptive Elements

title x
title.alternate

creator
creator.employee
creator.organization x NASA GSFC TISB
creator.code x 293
creator.contract
creator.missionsProjects
creator.instrument

contributor
contributor.employee x Patrick Healey
contributor.organization x NASA GSFC LISB
contributor.code x 292
contributor.contract
contributor.missionsProjects
contributor.instrument

subject
subject.employee x person presenting
subject.organization x org of person presenting

the following 5 – fill em in if you can, according to NASA taxonomy
subject.missionsProjects
subject.disciplines
subject.instrument
subject.functions
subject.industries

subject.uncontrolled

description x abstract type thing

date
date.created x recorded
date.available x posted
date.modified

publisher
publisher.organization x NASA GSFC Library

type x video or image?? (still waiting to hear from Gail on this)
type.information
type.contentInvariance

format x whatever you find out from Microsoft listserve

identifier.persistent
identifier.url x url of video for streaming

source x series

language x english

relation.hasVersion

coverage.spatial
coverage.chronology
coverage.projectPhase

rights x all rights reserved or something

audience

The **Title** element contains a name of the resource.

The **Title.alternate** element contains some other name of the resource.

The **Creator** element contains the name of an entity that participated in the creation of the resource.

The **Creator.employee** element contains the name of an employee that participated in the creation of the resource.

The **Creator.code** element contains a Goddard organizational code under which the work was created.

The **Creator.contract** element contains a value that identifies a contract under which the work was created.

The **Creator.missionProject** element contains a value that identifies a project under which the work was created.

The **Creator.organization** element contains a value that identifies an organization under whose auspices the resources was created.

The **Creator.instrument** element contains a value that identifies an instrument that created the resource.

The **Contributor** element contains the name of an entity that contributed to the present state of the resource.

The **Contributor.employee** element contains the name of an employee who contributed to the present state of the resource.

The **Contributor.code** element contains a Goddard organizational code under which contributions were made to the present state of the resource.

The **Contributor.contract** element contains a value that identifies a contract under which contributions were made to the present state of the resource.

The **Contributor.missionsProjects** element contains a value that identifies a project under which contributions were made to the present state of the resourse.

The **Contributor.organization** element contains a value that identifies the organization under the auspices of which contributions were made to the present state of the resource.

The **Contributor.instrument** element contains a value that identifies a piece of equipment that contributed to the present state of the resource.

The **Subject** element contains a designation of what the resource is about.

The **Subject.employee** element contains the name of an employee whom the resource is about.

The **Subject.organization** element contains the name of an organization that the resource is about.

The **Subject.missionsProjects** element contains the name of a project that the resource is about.

The **Subject.disciplines** element contains the name of a discipline that the content of the expression is about.

The **Subject.instrument** element contains the name of an instrument that the content of the expression is about.

The **Subject.functions** element contains the name of a business function that the content of the expression is about.

The **Subject.industries** element contains the name of an industry that the content of the expression is about.

The **Subject.uncontrolled** element contains a characterization of the subject matter of the expression.

The **Description** element contains information useful in evaluating the relevance of the expression to the user's need. This information may include but is not limited to "abstracts, table of contents, reference to a graphical representation of content or a free-text account of the content".

The **Date** element contains a date that is relevant to the life of the resource

The **Date.created** element contains the date on which the resource was created.

The **Date.available** element contains the date on which the resource became available.

The **Date.modified** element contains a date on which the resource was modified

The **Publisher** element contains a the name of an entity responsible for producing and/or distributing the resource.

The **Publisher.organization** element contains the name of an organization responsible for producing and/or distributing the resource.

The **Type** element contains an indication of the nature or genre of the resource.

The **Type.information** element contains additional information about the nature or genre of the resource.

The **Type.contentInvariance** element is imported from the National Library of Medicine's permanence ratings and is defined as "the extent to which the content of a given resource and the links it contains will remain unchanged".

The **Format** element gives information about the structure of the resource.

The **Identifier.persistent** element contains a means of uniquely identifying the resource in a persistent identification system.

The **Identifier.url** element contains a current url for the resource.

The **Source** element contains the title of a broader resource within which the resource is found.

The **Language** element contains the name of the language used in the resource.

Each **Relation.hasVersion** element contains a reference to other versions of the resource

The **Coverage.projectPhase** element specifies a project phase to which the content of the object is relevant.

The **Coverage.chronology** element specifies the period in which the expression was generated.

The **Coverage.spatial** element specifies an area covered the resource

The **Rights** element contains a formal statement of copyright and access controls that apply to the resource.

The **Audience** element contains a designator of a group by whom it is expected that the resource to be used.

II.   Administrative Elements

date.recordCreated
creator.recordCreator
contributor.rno
contributor.contentowner

contributor.webmaster

The **date.recordCreated** element contains the date that this metadata record was created.

The **creator.recordCreator** element contains an indicator of an entity that created this record.

The **Contributor.rno** – this tag is intended for use with web pages, and reflects the rno tag required by Goddard web policy as of May 2003. It contains the name of the NASA official who is responsible for the content of the object.

The **Contributor.contentOwner** – this tag is intended for use with web pages, and reflects the content-owner tag required by Goddard web policy as of May 2003. It contains the name of the owner of the content that is pointed to by record.

The **Contributor.webmaster -** this tag is intended for use with web pages, and reflects the webmaster tag required by Goddard web policy as of May 2003.